16 March 1961

Dear Doc,

Enclosed herewith is Frank's trip report, as we discussed on the phone today. Will you let us know promptly what action you plan to take.

Thanks.

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Enclosure - ∢

16 March 1961

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Purpose of trip was to discuss (1) light diffusion in 30-132 film and (2) suggestions for large film roll handling and packaging.

MOTE: Upon exemining processed 80-132 with high magnification, light scattering was noticed when the film was viewed through the base. Also, bubbles or particles in the pelloid were noted. These effects are not present in 80-243 film.

The light diffusion makes densitometry very difficult with our densitometer, since either the image must be viewed through the base or the slit must be imaged through the base. This diffusion effect is likely to cause problems in the making of high resolution prints. In addition, the diffusion effect dictates the viewing of images on SO-132 with the emulsion toward the ebserver; the image then is a mirror-image of the original scene.

## 1. Light Diffusion In SO-132 Film

25X1A 25X1A 25X1A The "bubbles" we noticed are actually "matte particles" put in the pelloid to form a rough pelloid surface which is required to avoid

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## 2. Film Handling, Packaging

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material will be placed inside the flanges of film rolls, so that the neoprene would comply with film stacking variation, and that a mechanical stop will be incorporated in the tis pins to limit the degree of tension which can be applied on the edges of the film by the neoprene-covered flange surface.

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It was also suggested that \_\_\_\_\_\_ visit this contractor to obtain a first-hand picture of the system's supply and take-up mechanism and to discuss methods of loading and unloading film. The final design of the film packaging could then incorporate any possible modifications which would enhance loading and unloading.

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